

ABSTRACT

AN OVERALL, STRUCTURAL, MAINLY STEEL SYSTEM DEVELOPED FOR AN EXTERIOR BUILDING LAYOUT. THIS OVERALL STRUCTURAL SYSTEM IS COMPRISED OF VARIOUS COMBINATIONS OF INTERIOR CONFIGURATIONS AND CORRESPONDING SPECIFIC BUILDING SYSTEMS. EACH SPECIFIC BUILDING SYSTEM CONSIST OF STANDARDIZED STRUCTURAL ASSEMBLAGES AND MEMBERS. FOR EACH SPECIFIC BUILDING SYSTEM, THE VARIOUS SHAPES OF THESE STANDARDIZED ASSEMBLAGES AND MEMBERS ARE SIMILAR TO ALL OTHER VARIOUS SHAPES OF ASSEMBLAGES AND MEMBERS UTILIZED IN THE OVERALL, STRUCTURAL SYSTEM. THE ASSEMBLAGE COULD BE ERECTED IN A MULTI-STORY FASHION. THROUGH BEAMS ARE UTILIZED EXTENDING THROUGH THE WEBS OF THE ASSEMBLAGE GIRDERS.